

**1st August, 1904**

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[§§ 12268 to 12325.]

[Issued with Army Orders, dated 1st August, 1904.]

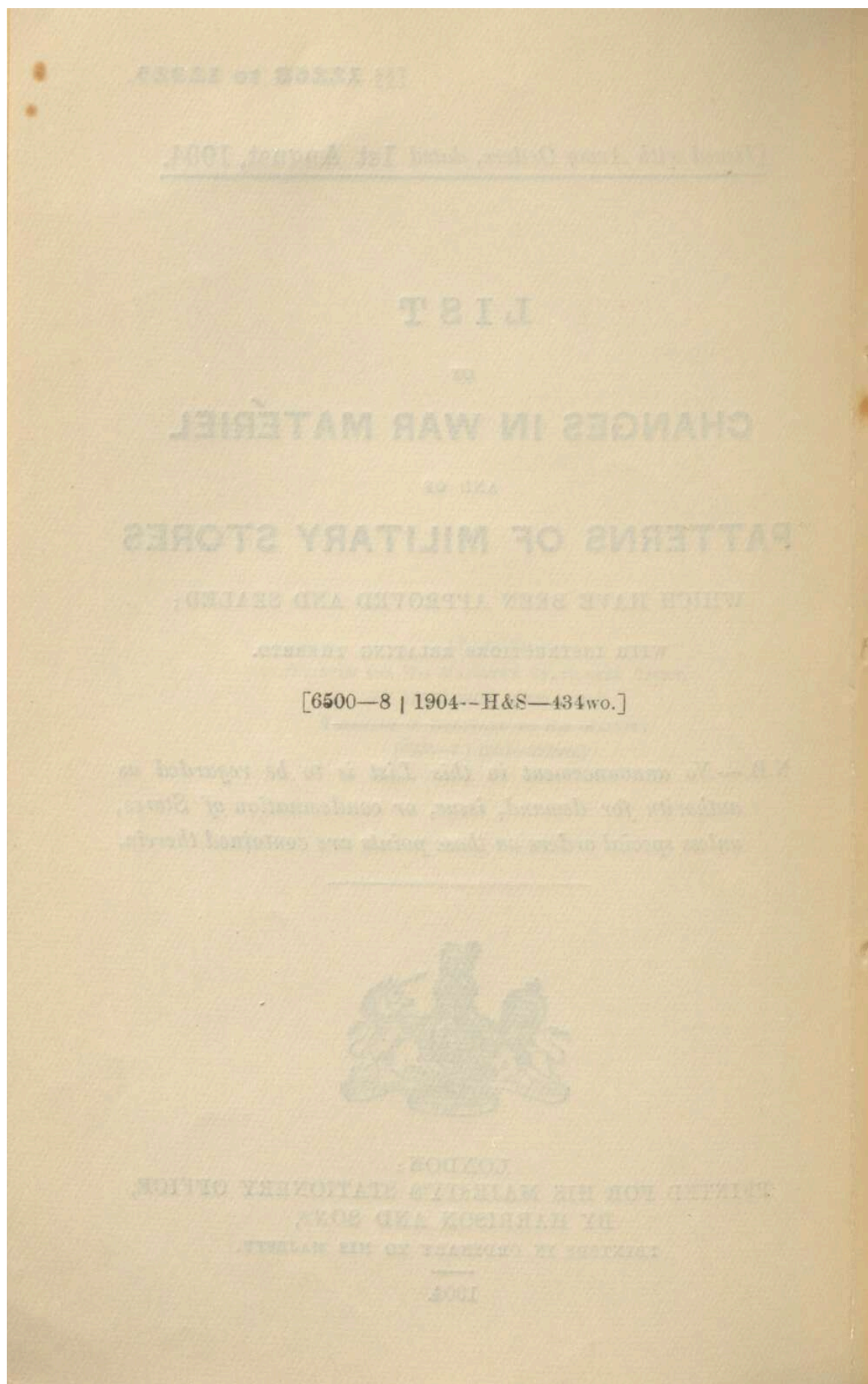
LIST  
OF  
CHANGES IN WAR MATÉRIEL  
AND OF  
PATTERNS OF MILITARY STORES  
WHICH HAVE BEEN APPROVED AND SEALED;  
WITH INSTRUCTIONS RELATING THERETO.

N.B.—*No announcement in this List is to be regarded as authority for demand, issue, or condemnation of Stores, unless special orders on those points are contained therein.*



LONDON:  
PRINTED FOR HIS MAJESTY'S STATIONERY OFFICE,  
BY HARRISON AND SONS,  
PRINTERS IN ORDINARY TO HIS MAJESTY.

1904.





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825

1st August, 1904.

[§§ 12268 to 12325.]

(WOOLWICH SECTION, No. 2.)

## 12268.—Flags, marking water supply—

Blue. (Mark I.)	..	For animals	
Red. (Mark I.)	..	For washing or bathing only ...	Shalloon, 2 ft. 6 in. by 4 ft. 2 in.
White. (Mark I.)	..	For drinking water ...	
Pole, 10-ft. (Mark I.)	..	In two parts (3 to a set).	

Patterns of the above-mentioned articles have been sealed to govern supplies for peace manœuvres and for active service.

54

Engineers

524

## 12269.—Rugs, horse. (Mark IV.)—

Small..	..	..	..	Jute sacking, lined with collar check, fitted with 2 surcingles and 2 chest straps and buckles.
Medium	..	..	..	
Large..	..	..	..	

## Nomenclature.

The detail appended to the nomenclature of the above-mentioned rugs (§ 11719), has been altered to read as now shown.

18th June 190

16th July 190

57

Gen. No.

2902

22nd June 19

5611

## 12270.—Shovel, G.S. (Mark II.) .. Helved, 3½ lb.

A pattern of the above-mentioned shovel has been sealed to govern future manufacture.

6th April 190

Contracts T

27

It differs from the previous pattern (§ 10443) as regards the ends of the T pieces of the handles, which are rounded at the edges, and the frog of the pan, which is rather higher on the upper side of the pan.

(434)

A

826

## (WOOLWICH SECTION, No. 4.)

12271.—Cart, tip, G.S., Mark II.* ..	With grease box; special for Gibraltar.
Shaft, No. 40 .. ..	Wood; cart, tip, G.S., Mark II.*; off.
Shaft, No. 49 .. ..	Wood; carts, tip, G.S., Marks II. and II.*, and R.E.; near.
Shaft, No. 50 .. ..	Wood; carts, tip, G.S., Mark II., and R.E.; off.

## Nomenclature.

21st April 1903.

57

Gibraltar

8422

A drawing (R.C.D. 10313A) has been approved to govern manufacture of the above-mentioned tip cart as may be specially ordered for Gibraltar.

The cart is generally similar to the Mark II. cart described in § 2987, but is modified to meet local requirements, as follows:—

- (1.) The shafts, which are Nos. 49 and 40, are fitted into the axletree bed, and are arranged for farmers draught only.
- (2.) The splinter bar is shortened.
- (3.) The cart is generally strengthened.

Consequent upon the introduction of No. 40 shafts for the Mark II.\* G.S. tip cart, the details appended to the nomenclature of the Nos. 49 and 50 shafts have been amended to read as shown above.

## (WOOLWICH SECTION, No. 6.)

12272.—Saddlery, universal, pattern 1902.

## Issues.

10th March 1904.

54

Gen. No.

9381

With reference to § 11417:—The saddle and pannels will supersede all drivers' as well as universal saddles.

The articles mentioned will be issued to all services, other than officers, for harness as well as universal saddlery purposes, when the present stores are exhausted, except as under:—

The "Bit, portmouth," will be issued to Cavalry only, and not to other units.

N.B.—The Household Cavalry sets will be completed with the saddle and pannels and nickel stirrups only.



827

## 12273.- Saddlery, universal:—

Strap, baggage and lance.

(Mark I.) .. .. 2 feet 10 inches, with two double buckles.

## 1. New pattern.

Straps, cloak	and wallet ..	4 feet 6 inches by $\frac{7}{8}$ inch, 2 double buckles.
	and wallet. (Mark I.) ..	4 feet 7 $\frac{1}{2}$ inches by $\frac{7}{8}$ inch, 2 double buckles.
	pattern 1884. (Mark II.) ..	4 feet 6 inches by $\frac{3}{4}$ inch, 2 double buckles.
	centre ..	2 feet 4 inches by $\frac{7}{8}$ inch.
	centre, (Mark I.) ..	2 feet 4 inches by $\frac{7}{8}$ inch, fixed keeper.
	pattern 1884. (Mark II.) ..	2 feet 4 inches by $\frac{3}{4}$ inch, fixed keeper.
	lance and wallet.	

## 2. To become obsolete.

1. A pattern of the above-mentioned "Strap, baggage and lance," has been sealed to govern future manufacture.

This strap is the same length and width as the existing baggage strap, but differs in having an extra buckle sewn in about 2 $\frac{1}{2}$  inches from the front one.

In future, a strap of this description will be issued with a set of saddlery, in place of one of the three baggage straps, to all regiments of Cavalry including Household Cavalry.

The "Straps, cloak, lance and wallet," in possession of Cavalry will be converted regimentally to "Straps, baggage and lance," by cutting off the leather piece carrying one buckle, and reducing the length to that of the baggage strap, *i.e.*, 2 feet 10 inches.

Those on Army Ordnance charge will be converted locally.

2. The straps to become obsolete, except "Straps, cloak, lance and wallet," converted as above, will be returned to store.

Existing stock of "Straps, cloak, centre," will be used up by issuing one (in lieu of a baggage strap) to units not armed with lances in time of peace, and being shorter, will be used as the centre baggage strap.

(434)

A 2

12th April 1904.

54

Artillery

27



The "Strap, cloak and wallet," on Army Ordnance charge will be converted to "Straps, baggage," locally, by cutting off the sewn-on leather piece with its buckle.

12274.—Saddlery universal—

Tab, portmouth, bridle .. With stud for attaching curb chain.

10th March 1904.

54

Gen. No.

9381

A pattern of the above-mentioned tab has been sealed to govern future manufacture for use with the "Bridle, portmouth," shown in § 11417.

It will be issued to units that are not equipped with bridoons at the rate of 1 per bridle.

The tab is of bridle leather,  $5\frac{3}{4}$  inches in length by  $\frac{5}{8}$  inch in width, and fitted with a brass stud. It is punched at one end to allow it to be buckled to cheek buckle, and at the other end for buttoning to stud.

It is to be attached to cheek of bridle after the head is buckled by passing one end under loop and on to tongue of buckle, the other being buttoned with the curb chain attached or not, as may be necessary.

(WOOLWICH SECTION, No. 10.)

12275.—Car pusher. (Mark II.) | L | Steel; railway companies, R.E.; and R.E. services.

6th April 1904.

84

R

2549

A pattern of the above-mentioned car pusher has been sealed to govern future manufacture.

It differs from the previous pattern (§ 8080) in the following particulars:—

- (1.) The handle is stiffer and is not cranked at the top.
- (2.) The shoe will take a rail 3 inches wide instead of  $2\frac{7}{16}$  inches wide.
- (3.) The weight is 21 lb.

12276.—Packing, "Cooperite," sheet .. .. L |  $\frac{1}{8}$  inch to  $\frac{1}{4}$  inch thick; for mechanically-propelled vehicles.

15th April 1903.

84

C

3834

A pattern of the  $\frac{3}{32}$ -inch "Cooperite" sheet packing has been sealed, as a typical pattern, to govern manufacture of different thicknesses from  $\frac{1}{8}$  inch to  $\frac{1}{64}$  inch.

This packing is to be used for joints on mechanically-propelled vehicles.



829

## (WOOLWICH SECTION, No. 13.)

12277.—Block, hydraulic buffer, Q.F., 15-pr. (Mark I.)	L	Metal; ammunition columns.
Cover, cradle, Q.F., 15-pr. (Mark I.)	.. L	Waterproof canvas; ammunition columns.

Spare carriages in Q.F. 15-pr. ammunition columns (on which the gun is not mounted) will be provided with a metal block into which the head of the buffer can be screwed, and a canvas cover for the protection of the cradle and buffer.

20th Feb. 1904.

54

Artillery

1541

## (WOOLWICH SECTIONS, Nos. 13 AND 15.)

12278.—Carriages, field ..	.. L
Limbers { field ..	.. L
{ siege ..	.. L
{ travelling ..	.. L
Wagons, ammunition ..	.. L

## Fitting of inscription plates.

In future manufacture, an inscription plate bearing the nature, mark, manufacturer's initials, and registered number, will be fixed to vehicles of the above-mentioned descriptions.

12th Oct. 1903.

5th Jan. 1904.

71

1

2905

Existing vehicles, as enumerated below, will have inscription plates fitted locally (if not already provided with them) in accordance with instructional print R.C.D. 1153, which, together with the undermentioned stores, will be supplied to officers concerned on demand. The mark (including stars, if any), manufacturer's initials, and registered number, will be stamped on the plate locally, the stamps required being, if necessary, obtained from the Army Ordnance Department. The natures of the vehicles for which the inscription plates are required must be stated in demands.

*Vehicles.*

## Carriages, field—

## B.L.—

5-inch howitzer.

15-pr.

12-pr. 6-cwt.

## Q.F.—

15-pr.

1-pr.

## M.G.—

Cavalry or mounted infantry, Maxim, '303-inch.

Infantry, Maxim, '303-inch.

(434)

A 3

Vehicles—*continued*

Limbers—

Field—

B.L.—

5-inch howitzer.

15-pr.

12-pr. 6-cwt.

Q.F.—

15-pr.

1-pr.

Siege, B.L., 6-inch howitzer.

Travelling, Q.F.—

4·7-inch.

4·7-inch, converted.

Wagons, ammunition—

B.L.—

5-inch howitzer.

15-pr.

12-pr. 6-cwt.

Q.F., 15-pr.

*Stores per vehicle.*

Plate, inscription ....	....	....	No.
-------------------------	------	------	-----

Rivets, copper, $\frac{1}{4}$ inch by $\frac{1}{2}$ inch....	....	....	1
--------------------------------------------------------------	------	------	---

	....	....	2
--	------	------	---

(WOOLWICH SECTION, No. 13.)

12279.—Carriage, field, B.L.,  
12-pr. 6-cwt., Mark II. | LStores required for carrying telescopic sight  
box (§ 12197).

The list of stores for carrying out alterations to the above-mentioned carriage is as shown below, and not as detailed in § 12197 (page 744), which will be amended accordingly.

*Stores per "Carriage, field, B.L. 12-pr. 6-cwt., Mark II."*

Carrier, telescopic sight box—with bolts	....	No.
Block, steadying, telescopic sight box—beech,	....	1
with felt, 6 inches by $2\frac{7}{8}$ inches by $1\frac{1}{2}$ inches ...	....	1
Bolts, with nuts, countersunk head, square,	....	2
$\frac{1}{4}$ inch by $3\frac{1}{4}$ inches	....	2
Staples, lashing, riveting, $\frac{5}{16}$ inch	....	1
Strap, securing, 1 inch by 54 inches	....	1
Strap, securing, 1 inch by 36 inches	....	1
Instructional print, R.O.D. No. 1138.	....	

25th July 1904.

54

Artillery

1791



831

(WOOLWICH SECTION, No. 14.)

12280.—Carriage, garrison, bar-  
bette, B.L., 10-inch,  
Mark IV. .. L

Shell pit shield fitted with plates of sheet lead.

The shell pit shields of the above-mentioned carriages (§ 11676) will be fitted with plates of sheet lead in order to give the numbers working the gun a secure foothold.

This service will be carried out locally in accordance with instructional print, R.C.D. 1152, which, together with the under-mentioned stores, will be supplied to officers concerned on demand.

9th March 1904.

57

Gen. No.

2633

*Stores per carriage.*

	Set.
Lead, sheet, 6 lb. per square foot (7 pieces to a set)	1
	No.
Screws, countersunk head, brass, $\frac{1}{4}$ inch by $\frac{9}{16}$ inch	70

12281.—Carriage, garrison,  
barbette, B.L., 9'2-  
inch, Mark V. .. L

Modifications to projectile trolleys.

In future manufacture of projectile trolleys for carriages of the above-mentioned description (§ 10867) the form of the hinge and joint pins will be modified, in order to afford increased facilities for loading.

Existing trolleys will be altered locally in accordance with instructional print, R.C.D. 1143, which, together with the under-mentioned stores, will be supplied to officers concerned on demand.

8th Feb. 1904.

71

1

2906

*Stores per trolley.*

Trolley, projectile—	No.
Pin, hinge ....	2
Pin, taper ....	2
(434)	A 4

12282.— Carriage, garrison, B.L.,  
6 inch, C.P., Mark II. | L |

Elevation indicator gear.

27th May 1903.

71  
1  
1808

A drawing (R.C.D. 9757A) of an elevation indicator gear for carriages of the above-mentioned description (§ 10262) has been approved to govern future manufacture for carriages for which position-finders have been specially approved.

The gear consists principally of a toothed arc, which is fixed under the cradle, and gears into a pinion on a transverse shaft; a spiral spring, contained in a case, is fixed to one end of the shaft, and a yard scale plate to the other.

The gear will be fitted locally to carriages for which position-finders have already been approved, in accordance with instructional print, R.C.D. 1056, which, together with the under-mentioned stores, will be supplied to officers concerned on demand.

The existing indicator gear will be removed and be brought to produce locally.

*Stores per carriage.*

Gear, elevation, indicator—				No.
Arc	....	....	With securing bolts and screws	1
Brackets, shaft—				
Left	....	....	With securing bolts	1
Centre	....	....	With securing screws	1
Case, spring	....	....	With securing screws, and cover plate with screws	1
Disc, carrying yard scale plate			With set screw and securing screws	1
Pin, spring	....	....	With split key	1
Pinion, arc	....	....		1
Plates—				
Packing, arc	....	....		1
Yard scale	....	....		1
Reader	....	....		1
Shaft	....	....	With nut, collar, and split key	1
Slide carrying reader	....	....	With securing screws	1
Spring	....	....	Spiral	1
Rivets, steel, countersunk head, $\frac{3}{8}$ inch by 2 inches	....	....		4

The registered No. and trunnion height above mean sea level of the carriage must be quoted in demands, in order that the scale plate, engraved for a particular mounting, may be obtained.



833

12283.—Carriage, garrison, B.L., 6-inch, C.P., Mark IV.*	L	Steel, with shield and traversing rack with fixing screws.
Arc, traversing, No. 37. (Mark I.) .. ..	L	Graduated, metal, with screws; B.L. 6-inch C.P., Marks II., IV., and IV.*; and Q.F. 6-inch, Mark II.
Pedestal, carriage, No. 2. (Mark II.) ..	L	Cast iron, without hold- fast, with three raising screws; B.L. 6-inch C.P., Marks I., II., IV. and IV.*; Q.F. 6-inch, Marks I. and II.; and 4.7-inch, Mark III.

A certain number of B.L. 6-inch C.P. Mark IV. carriages (§ 10935) have been provided with cradles of the same pattern as for the B.L. 6-inch C.P. Mark II. carriages (§ 10262). Such carriages will be known as "Mark IV.\*"

20th May 1904.

73

3

4923

Consequent upon the introduction of Mark IV.\* carriages, the details appended to nomenclature of traversing arc No. 37, and No. 2 carriage pedestal, have been amended as shown above.

12284.—Carriage, garrison, Q.F., 4.7-inch, C.P., Mark III.* .. ..	L	Steel; with shield, and traversing rack with fixing screws.
Pedestal, carriage, No. 2 Mark II. ..	L	Cast iron; without hold- fast, with three raising screws — B.L. 6-inch, C.P., Marks I., II., and IV.; Q.F. 6-inch, Marks I. and II.; and 4.7-inch, Marks III. and III.*

Stops limiting angle of elevation and depression  
fitted locally.

A certain number of Q.F. 4.7-inch Mark III. under-carriages (§ 9657) have been issued with cradles of the same pattern as for Mark IV. carriages (§ 10871), and a drawing, R.C.D. 10401A, has been sealed for record. Such carriages will be known as "Mark III.\*"

8th Dec. 1903.

57

Colchester

5268



In carriages fitted with correcting gear, the jamming hand wheel of the traversing gear is replaced by a hexagon jamming nut.

Consequent upon the introduction of the Mark III.\* carriage, the details appended to the nomenclature of the No. 2 carriage pedestal have been amended to read as shown above.

Stops to limit the angles of elevation and depression will be fitted to the carriages to prevent undue stresses being thrown on the sighting gear.

This service will be carried out locally in accordance with instructional print, R.C.D. 1132, which, together with the following stores, will be supplied to officers concerned on demand:—

*Stores per carriage.*

Under-carriage—

Stop, limiting elevation and depression, with screws ... ..	No. 1
----------------------------------------------------------------	----------

Cradle—

Stop, elevation and depression, with bolts ...	1
------------------------------------------------	---

12285.—Spanner, No. 243.  
(Mark I) .. ..

L	Steel, with tommy; studs gland, air cylinder; barbette, B.L., 9.2-inch Marks IV. and V., and 10-inch Mark IV.
---	------------------------------------------------------------------------------------------------------------------------------

4th March 1904.

57

Gen. No.

4936

A pattern of the above-mentioned spanner has been approved to govern manufacture.

It is generally similar to the socket spanners described in § 5676.

Spanners of this description will be used for the nuts of the gland studs of the air cylinder of B.L. 9.2-inch barbette Marks IV. and V., and B.L. 10-inch barbette Mark IV. mountings (§§ 10446, 10867, 11676). Officers concerned, having mountings of these descriptions on their charge, will put forward demands for one "Spanner, No. 243," per work.

(WOOLWICH SECTION, No. 15.)

12286.—Limber, field—

Q.F., 1-pr. wagon, converted. (Mark I.) ..

With grease box.

L	Converted Q.F. 3-pr. travelling.
---	-------------------------------------

Wagon, ammunition—

Q.F., 1-pr., converted.  
(Mark I.) .. ..

L	Converted Q.F. 3-pr. travelling.
---	-------------------------------------

15th Feb. 1904.

71

1

3128

Drawings (R.C.D. 10495A, 10497A) of the above-mentioned



835

vehicles have been approved to govern the conversion, as may be ordered, of Q.F. 3-pr. Marks I. and II. carriages, and Mark I. limbers (§§ 6419, 6642), to carry Q.F. 1-pr. ammunition.

The conversion consists of—

*Limber (converted limber, 3-pr.).*

Replacing the ammunition carriers by 10—1-pr. Q.F. ammunition belt carriers, each holding two belts, and attaching fittings to carry the following stores:—

	No.
Axe, felling, curved helve	1
Axe, pick	1
Box, grease, 3-lb.	1
Driver, screw, 10-inch	1
Hook, bill	1
Spring, barrel	1
Spring, crank	1

The axletree is 3rd class B, No. 57, and the wheels 3rd class B, No. 52.

*Wagon, ammunition (converted carriage, 3-pr.).*

Fitting frame, perch, ammunition box, and tire brake.

The frame is of steel, fitted with a perch having a No. 11 perch eye.

The ammunition box is of wood, fitted—internally, to hold 10—1-pr. ammunition belt carriers (each holding 2 belts); at the sides, with guard irons, No. 23 “near,” and No. 24 “off”; and on the top for a “Chest, belt filling machine,” and a box to hold a feed block.

A locker is formed on the frame in the front of the ammunition box, and is fitted to carry the following stores:—

	No.
Brush, water	1
Buckets, water, G.S., canvas	2
Ropes, drag, light	pair 1
Shovels, G.S.	2

The brake, which acts on the front part of the wheels, is actuated from the rear of the wagon by a handwheel.

The axletree is 3rd class B, No. 56, and the wheels 3rd class B, No. 52.

836

*Dimensions.*

Limber—				feet.	inches.
Length	....	....	....	11	9
Width, maximum	....	....	....	6	1 $\frac{3}{4}$
Height	....	....	....	5	4
Greatest projection beyond track (off side)	....	....	....	0	7 $\frac{1}{2}$
Wagon—					
Length	....	....	....	7	8 $\frac{1}{2}$
Height	....	....	....	5	3
Wagon and limber—					
Length	....	....	....	19	0
Length between axletrees	....	....	....	7	10
Length of axletrees	....	....	....	5	11 $\frac{1}{2}$
Wheels { diameter	....	....	....	4	4
{ track	....	....	....	5	2

*Weights.*

(Without ammunition, stores, men, or personal equipment.)

	cwt.	qrs.	lb.
Wagon, ammunition	9	1	8
Limber	11	0	2

(WOOLWICH SECTIONS, Nos. 16 AND 17.)

12287.— Ordnance, S.B.B.L.,  
32-pr. .. .. L | 42 cwt.

Re-venting guns used for saluting purposes.

17th March 1904.

75  
3  
958

With reference to § 4066:— Such of the above-mentioned guns as are used for saluting purposes will be re-vented 2 inches nearer the muzzle than the existing vent, which will then be plugged.

This alteration will be carried out locally by the Army Ordnance Department in accordance with instructional print R.G.F./10909/6, which, with the undermentioned stores, will be supplied to officers concerned on demand—

*Stores per gun.*

	No.
P'ug, copper	1
Vent, copper, 7-thread, conc—9-inch or 10 $\frac{1}{2}$ -inch	1



837

## (WOOLWICH SECTION, No. 16.)

12288.—Ordnance, Q.F., 4·7-  
inch B, Marks I. to  
IV.\* .. .. C

Altered position of clinometer plane for guns on  
travelling carrigaes.

With reference to § 10948 :—Existing Land Service guns of the above-mentioned description, for use on travelling carriages, will have a plane for clinometer prepared on the upper side of the jacket immediately in front of the breech ring.

This service will be carried out locally by the Army Ordnance Department, in accordance with the accompanying drawing.

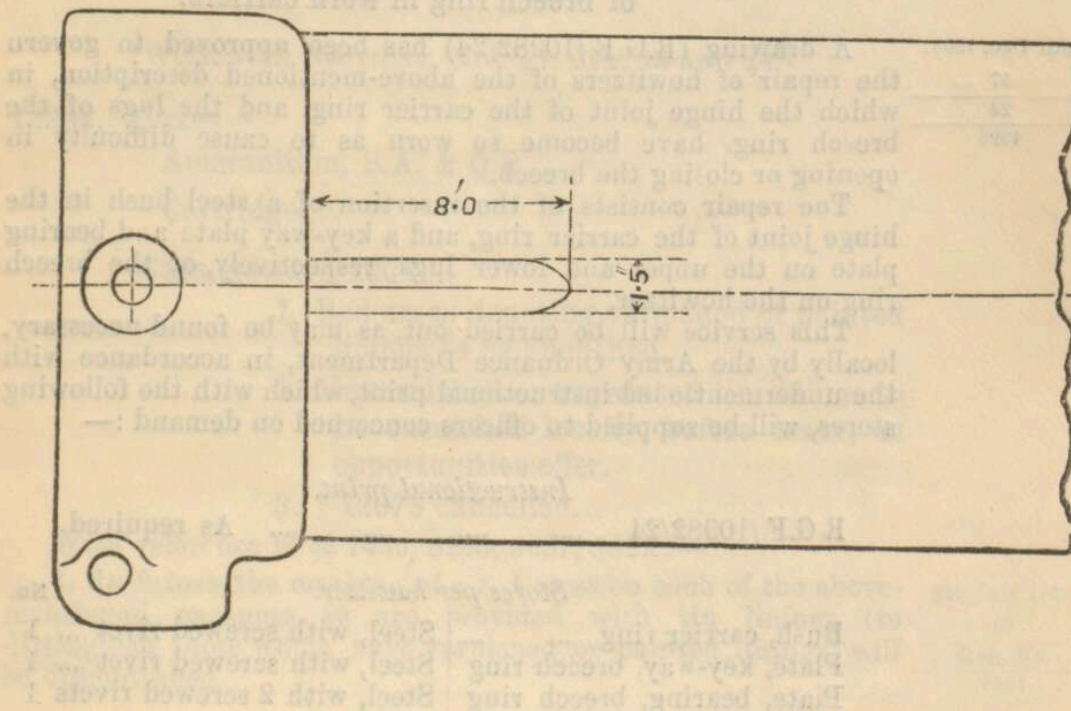
4th June 1904.

73

4

4734

## Altered position of plane.

Scale  $\frac{1}{8}$ .



## (WOOLWICH SECTION, No. 17.)

12289.—Ordnance, B.L., 6-inch  
30-cwt. howitzer,  
Mark I.\* .. .. L

Chamber of certain Mark I. howitzers to be enlarged.

23rd Dec. 1903.

73  
3  
1882

With reference to §§ 9001, 9949 :—A certain number of B.L. 6-inch 30-cwt. howitzers will have their chambers enlarged to render them suitable for use with the increased charges and the projectiles described in §§ 12296, 12297, 12298.

19th April 1904.

5118

The following are the length and capacity of the enlarged chamber, and length of rifling of the altered howitzers :—

Chamber { length	....	....	8.75 inches.
{ capacity	....	....	295 cubic inches.
Rifling, length	....	....	72.85 inches.

Howitzers when altered as described above will be distinguished by the addition of a star (\*) to the Mark.

12290.—Ordnance, B.L., 5-inch  
howitzer, Mark I. .. L

Repair to hinge joint of carrier ring and lugs of breech ring in worn carriers.

18th Dec. 1903.

57  
24  
4896

A drawing (R.G.F./10982/24) has been approved to govern the repair of howitzers of the above-mentioned description, in which the hinge joint of the carrier ring, and the lugs of the breech ring, have become so worn as to cause difficulty in opening or closing the breech.

The repair consists of the insertion of a steel bush in the hinge joint of the carrier ring, and a key-way plate and bearing plate on the upper and lower lugs, respectively, of the breech ring on the howitzer.

This service will be carried out, as may be found necessary, locally by the Army Ordnance Department, in accordance with the undermentioned instructional print, which with the following stores, will be supplied to officers concerned on demand :—

*Instructional print.*

R.G.F./10982/24 .... As required.

*Stores per howitzer.*

	No.
Bush, carrier ring ....	1
Plate, key-way, breech ring ....	1
Plate, bearing, breech ring ....	1



839

(WOOLWICH SECTION, No. 18.)

12291.—Stave end, Q.F., 12-pr.  
18-cwt., bore. (Mark  
I.) .. .. C Wood, length without  
joint portion, 9 feet  
6 inches; lengthening  
side arms.

## 1. New pattern.

Stave end, Q.F., 12-pr.  
12 and 8-cwt., bore.  
(Mark I.) .. .. C Wood, length without  
joint portion, 7 feet;  
lengthening side arms.

## 2. Nomenclature.

1. A drawing (R.C.D. 10422A) of the above-mentioned "12-pr. 18-cwt." end stave has been sealed to govern manufacture. 2nd May 1904.

The end stave, which is of ash, 9 feet 6 inches in length, is fitted with a metal socket joint at one end.

2. Consequent upon the introduction of the end stave for use with 12-pr. 18-cwt. guns, the nomenclature and details appended thereto, of the 12-pr. end stave (§ 7712), have been amended as shown above.

(WOOLWICH SECTIONS, Nos. 21, 22A, 23 AND 24.)

12292.—Boxes—

Ammunition, S.A. &amp; Q.F.

Cartridge.

Case, powder, 100-lb.

1. Red cross denoting varnished or painted linings to be abolished.

2. Unvarnished or unpainted tin linings to be varnished locally, before issue, as opportunities offer.

3. § 12073 cancelled.

With reference to §§ 7455, 8285, 9087, 9622 :—

1. In future, the marking of a red cross on such of the above-mentioned packages as are provided with tin linings (to distinguish those which have varnished or painted linings) will be discontinued.

9th July 1904.

57

Gen. No.

5567



Existing boxes or cases having the red cross will be dealt with, locally, as follows:—

The stock will have the red cross obliterated by being barred through with black paint as opportunities offer. Sufficient boxes will be done to ensure that none are issued with the cross on them.

2. If, in carrying out the above operation, any packages are found in store with their *tin linings* neither varnished nor painted, the opportunity should be taken to varnish such tin linings before issue.

Packages having *zinc linings* should not be varnished, *vide* § 9622.

3. § 12073 is hereby cancelled.

(WOOLWICH SECTION, No. 22A.)

12293.—Cartridge, Q.F., 15-pr.,  
filled, 1 lb. 10 drs.,  
ballistite. (Mark II.) | L | Brass; with glazed-  
board lid, and cap.

28th Oct. 1903.

75

3

782

A drawing (R.L. 12862c (1)) showing the method of filling, has been sealed to govern the conversion of Mark I. ballistite cartridges (§ 10726). When converted, the filled cartridges will be known as "Mark II.," as shown above.

The Mark II. cartridge differs from Mark I. as follows:—

- (1.) The charge has a recess in the bottom to receive a cordite cylinder with primer.
- (2.) It is primed with 1 dram of guncotton yarn and a  $\frac{1}{2}$ -dram powder pellet in a shalloon bag, enclosed in, and stitched to, a cordite cylinder  $\frac{1}{2}$  inch thick, the whole being contained in a shalloon pocket fitted into the recess in the charge.
- (3.) The charge is held in the case by the glazed-board lid described in § 11231.

The charge, 1 lb. 10 drams, is to be regarded as nominal only, as the exact weight may vary  $\pm 8$  drams, according to lot of ballistite used.

12294.—Cartridge, Q.F., 15-pr.,  
filled, 1-lb. 2 $\frac{3}{4}$ -oz.,  
cordite, M.D.T., size  
20—10. (Mark I.) | L | Brass; with glazed-board  
lid, and cap.

4th June 1904.

73

4

4841

4th March 1904.

12th May 1904.

4723

A drawing (R.L. 13194 (1)) of the above-mentioned cartridge has been approved to govern manufacture as may be ordered.



The charge is of M.D.T. cordite, cylindrical in shape, tied with two silk braids, and the bottom end is shaped to suit the primer.

The shalloon primer, which contains 4 drams of R.F.G.<sup>2</sup> powder, is made up in two parts to cover the bottom of the charge, one part being in the form of a ring to fit round the boss in the bottom of the cartridge case and the other in the form of a disc to rest on the boss. The disc portion is tied to the ring by silk sewing.

The glazed-board lid is that mentioned in § 11231.

#### 12295.—Cartridges, Q.F.:—

6-pr., cordite, steel shell. (Mark VIII.)	C	} Fuzed.
3-pr., cordite, steel shell. (Mark VII.)	C	
6-pr., cordite, common shell. (Mark VI.) ..	L	
3-pr., cordite, common shell. (Mark VI.) ..	L	
3-pr.—		
Shell, steel. (Marks IV. and V.) ..	C	
Shell, common. (Mark IV.) ..	L	Iron; also practice.

#### 1. New patterns.

Tools, reforming cartridges, Q.F. or Q.F.C.:—

Machines, indenting—

6-pr. (Mark I.)	C
3 pr. (Mark I.)	C

#### 2. Alteration.

1. In future manufacture, cartridges and shell of the above-mentioned descriptions will have embodied in them the modifications detailed below; such cartridges and shell being distinguished by an advance of numeral as follows:—

26th Aug. 1903.

57

Gen. No.

3075

12th Aug. 1903.

75

3

385

7th July 1903.

75

12

3298

7th Nov. 1903.

25th Jan. 1904.

57

Gen. No.

4700

*Method of filling.*

## Drawings.

## Cartridges, Q.F.

- |             |                                         |
|-------------|-----------------------------------------|
| R.L. 12985. | 6-pr., cordite, steel shell, Mark VIII. |
| R.L. 12984. | 3-pr., cordite, steel shell, Mark VII.  |
| R.L. 10485. | 6-pr., cordite, common shell, Mark VI.  |
| R.L. 10486. | 3-pr., cordite, common shell, Mark VI.  |

*As a record of certain issues.*

## Cartridge, Q.F.

- |              |                               |
|--------------|-------------------------------|
| R.L. 12475B. | 3-pr., shell, steel, Mark IV. |
|--------------|-------------------------------|

*To govern future manufacture.*

## Cartridges, Q.F.

- |              |                                |
|--------------|--------------------------------|
| R.L. 12421A. | 3-pr., shell, steel Mark V.    |
| C.I.W. 448.  | 3-pr., shell, common, Mark IV. |

The cartridges will differ from previous patterns (§§ 9957, 10325) in being primed with  $1\frac{1}{2}$  drams of guncotton yarn, No. 4, contained in a shalloon bag secured to the bottom of the charge, and in having the indents in the neck of the case (for securing the shell) increased to  $\frac{1}{2}$  inch in length.

The following shells may be used for making up these cartridges:—

- |                                         |
|-----------------------------------------|
| Shells, steel, 6-pr., Marks IV. or V.   |
| "    "    3-pr., Marks III., IV., or V. |
| "    common, 6-pr., Mark IV.            |
| "    "    3-pr., Marks III. or IV.      |

The 3-pr. Mark V. steel and Mark IV. common shells differ from those mentioned in §§ 9957, 10325, in having the cannellure (into which the case is indented) placed  $\frac{1}{4}$  inch further forward, thus allowing the mouth of the case to have a better grip on the shell, the steel shell differing also in having a slightly larger capacity and a different shaped base.

A certain number of 3-pr. steel shell have been made with the capacity and base as described above, but with the cannellure in the old position. Such steel shell will be known as "Mark IV.," as shown above.



2. In consequence of the increased length of indent, and altered position of cannellure, the above-mentioned indenting machines (§ 9910) will require alteration, which will be carried out at Woolwich.

Arrangements for the exchange of machines on Land Service charge, for the altered patterns, will be made by the Principal Ordnance Officer, Woolwich.

The Superintendent of Ordnance Stores will arrange for the exchange of the machines on naval charge.

(WOOLWICH SECTION, No. 24.)

12296.—Cartridge, B.L., 6-inch  
30-cwt. howitzer, 2-lb.  
8½-oz., cordite, M.D.,  
size 44. (Mark I.) .. L Shalloon; core and three  
rings, with guncotton  
priming; Mark I\*  
howitzer with "light"  
shells.

A drawing (R.L. 13133 (1)) of the above-mentioned cartridge has been sealed to govern manufacture for use with the 100-lb. shell (§ 12298) in howitzers having enlarged chambers (§ 12289).

The cartridge consists of a core and three rings—the core being composed of a 10½-oz. straight bundle of cordite, around one end of which is placed a 10-oz. ring of cordite forming the base—the whole being contained in a shalloon bag.

The rings, which consist of 3 oz., 7 oz., and 10 oz. of cordite, respectively, enclosed in shalloon bags, are fitted over the core and secured to it by the silk braids attached to the core being passed over the rings and tied on top.

The cartridge is primed with 2½ drams of waterproofed guncotton yarn, No. 4, contained in a pocket formed by a disc of shalloon stitched to the bottom of the bag containing the core.

*Dimensions.*

	inches.
Length, maximum (not to exceed) .....	6
Diameter, maximum (not to exceed) .....	5

29th Jan. 1904

73

3

4855



12297.—Cartridge, B.L., 6-inch  
30-cwt. howitzer, 1-lb.  
15½-oz., cordite, size 5.  
(Mark I.) .. .. L

Shalloon; core and four  
rings, with guncotton  
priming; for Mark I.\*  
howitzer with "heavy"  
shells.

23rd Dec. 1903.

73

3

4790

A drawing (R.L. 12964) of the above-mentioned cartridge has been sealed to govern manufacture for use with the 120-lb. shell (§§ 11234, 12298) in howitzers having enlarged chambers (§ 12289).

The cartridge is made up by the addition of a 3½-oz. ring of cordite, size 5, enclosed in shalloon, to the 1-lb. 12-oz. cartridge (§ 11919), the ring being secured by two lengths of .35 inch silk braid threaded through the securing braid of the cartridge.

12298.—Shell, B.L., common,  
lyddite, 6-inch how-  
itzer, light. (Mark I.)

L Forged steel, Mark I.\*  
howitzer.

1. For use with howitzers having enlarged  
chambers.

Shell, B.L., common,  
lyddite, 6-inch how-  
itzer, heavy. (Mark  
III.) .. .. L

Forged steel, Mark I.  
howitzer; or Mark I.\*  
howitzer with 1-lb.  
15½-oz. charge.

29th Jan. 1904.

73

3

4885

2. Nomenclature.

3rd March 1904.

75

12

4312

1. A drawing (R.L. 12847 (1)) of the above-mentioned light shell (100-lb.) has been sealed to govern manufacture for use with Mark I.\* howitzers (§ 12289).

The shell is made of forged steel, and is fitted in the nose with a gunmetal socket screwed to the G.S. fuze hole gauge. It is fitted with a driving band to design R.L. 11404A, as shown in the accompanying drawing (page 845).

23rd Dec. 1903.

73

3

4790



845

*Dimensions, &c.*

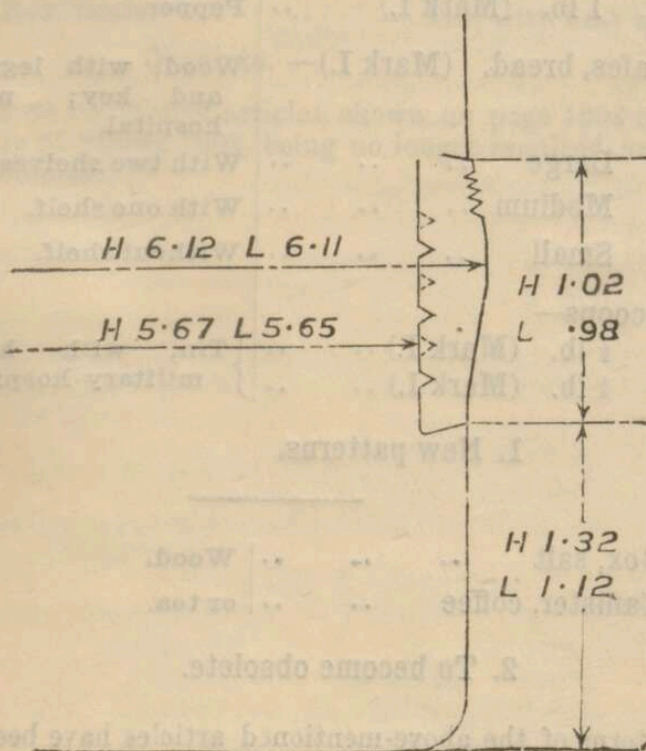
				inches.	
Length (maximum)....	....	....	....	22.05	
Diameter over	{ body (maximum)	....	....	5.97	
	{ band (maximum)	....	....	6.12	
Weight of	{ shell, empty (including driving band)	....	....	lb.	oz.
		....	....	85	2
	{ bursting charge	....	....	14	4
	{ fuze, D.A., impact	....	....	0	10
Average total weight filled and fuzed ....				100	0

2. Consequent upon the introduction of the 100-lb. "light" shell, the nomenclature of the Mark III. 120-lb. shell (§ 11234) has been amended as shown above.

When the Mark III. "heavy" shell is used with Mark I.\* howitzers (§ 12289), the full charge to be used with it will be the 1-lb. 15½-oz. cartridge described in § 12297.

Driving band, R.L. 11404A.

*Full size.*



846

(WOOLWICH SECTION, No. 25.)

12299.—Boxes—				
Salt—				
28 lbs. (Mark I.)	..			} Wood, with hinged lid.
7 lbs. (Mark II.)	..			
Sugar—				
70 lbs. (Mark I.)	..			
14 lbs. (Mark I.)	..			
Canisters, japanned, wide mouthed—				
10 lbs. (Mark II.)	..			Tea, coffee, rice, or barley.
7 lbs. (Mark I.)	..			Flour or barley.
2 lbs. (Mark I.)	..			Tea, sago, tapioca, arrowroot, oatmeal, or mustard.
1 lb. (Mark I.)	..			Pepper.
Safes, bread. (Mark I.)—				Wood, with legs, lock and key; military hospital.
Large	..	..	..	With two shelves.
Medium	..	..	..	With one shelf.
Small	..	..	..	Without shelf.
Scoops—				
$\frac{1}{2}$ lb. (Mark I.)	..	..	..	} Tin, with handles; military hospital.
$\frac{1}{4}$ lb. (Mark I.)	..	..	..	

## 1. New patterns.

Box, salt	..	..	..	Wood.
Canister, coffee	..	..	..	or tea.

## 2. To become obsolete.

1. Patterns of the above-mentioned articles have been sealed to govern future supplies to military hospitals.

5th Feb. 1904.

57

Gen. No.

4732

9th June 1904.

5351



The "Boxes" are formed with sloping lids and are suitable for standing on a sideboard or dresser. They are marked "Salt" or "Sugar" as the case may be.

The "Canisters" are made of tin, and are japanned a mottled colour on the outside. The purpose for which required must be specified in demands, and each canister will be marked in white letters before issue so that its purpose may be readily seen.

The "Safe, bread," is constructed like an ordinary meat safe on legs, with perforated zinc panels in the door and two ends. The large safe is calculated to contain about 120—2-lb. loaves, the medium size, 80, and the small safe, 48 similar loaves.

The "Scoops" are similar to the ordinary trade pattern with tin handles, and are for use with the canisters.

2. Consequent on the introduction of new patterns, the "Box, salt" (§ 1964), and "Canister, coffee" (§ 1561), will become obsolete when existing stock has been used up.

12300.—Box, shaving .. .. Pewter, military prison.  
Box, tinder .. .. Tin, with flint and steel.

Obsolete.

The above-mentioned articles, shown on page 1202 of Priced Vocabulary of Stores, 1902, being no longer required, are hereby declared obsolete.

30th April 1904.

57

Gen. No.

5306

12301.—Chairs, officers'—	
Stained. (Mark I.) ..	Wood seat.
Tapestry covered.	
(Mark I.) .. ..	Mahogany.
Chairs, arm, tapestry	
covered—	
Large. (Mark I.) ..	} Mahogany, with
Small. (Mark I.) ..	
	castors.
Couch, tapestry covered.	
(Mark I.) .. ..	Mahogany, with castors.
Drawers, chests of—	With 3 long and 2 short
	drawers.
Mahogany. (Mark I.)..	3 feet 6 inches.
Painted. (Mark I.) ..	3 feet 4 inches.
Glasses, toilet—	With stand.
19½ inches, mahogany.	
(Mark I.) .. ..	by 15½ inches.
13½ inches. (Mark I.)..	by 10½ inches.
Jugs, earthen—	
2 pints. (Mark I.) ..	} With Royal cypher.
1½ pints. (Mark I.) ..	
1 pint. (Mark I.) ..	
Jug, enamelled iron. (Mark	
I.) .. ..	With lid, "Hot water."
Mat, coir fibre, 28 inches	
by 16 inches. (Mark I.)..	Wool bordered.
Plate, bread and butter,	
(Mark I.) .. ..	China.
Stand, wash-hand, marble	
top, double. (Mark I.) ..	Mahogany, with two
	brass rails.
Table, writing, mahogany,	
3 feet 3 inches by 1 foot	
9 inches. (Mark I.) ..	With drawer.
Table, side, 4 feet by 2 feet	
2 inches. (Mark I.) ..	Deal, with stained legs.
Tables, dressing—	
Mahogany. (Mark I.)..	} With drawer.
Painted. (Mark I.) ..	
Table, dining. (Mark I.) ..	With castors, one loose
	leaf and key.
Table, octagonal, 2 feet	
11 inches. (Mark I.) ..	Mahogany, with castors.
Trays, tea—	Japanned.
Large. (Mark I.) ..	24-inch.
Medium. (Mark I.) ..	18-inch.
Small. (Mark I.) ..	13-inch.

Patterns of the above-mentioned articles have been sealed to

1st Oct. 1903.

57

Gen. No.

4601

12th June 1903.

103

Gen. No.

921

14th Sept. 1903.

921

14th Sept. 1903.

57

Gen. No.

4592



govern supplies, under Army Order No. 5 of 1904. They are not previously mentioned in *List of Changes*.

The "Chair, officers', stained," consists of a birch framework, the back being formed by two rails between which are three slats nearly parallel with the back legs; the seat is thin venesta wood, with an ornamental design in the centre.

The "Chair, Officers', tapestry covered," is covered with moquette to match the "Couch, tapestry covered," and is not spring stuffed. The back is open and consists of the extension of the back legs with a rail along the top and one about midway between the seat and the rail.

The "Chair, arm, tapestry covered, large," is built to match the couch. The seat is spring stuffed and covered with moquette.

The "Chair, arm, tapestry covered, small," is exactly the same design and make as the "Chair, arm, tapestry covered, large," only it is smaller.

The "Couch, tapestry covered," is an ordinary trade article so far as general design is concerned. The head is on the left hand, when looking at it from the front; it has an open wood panel in the back which is surmounted by an upholstered rail; it is covered with moquette, a material resembling tapestry. It is fitted with castors and the seat part is spring stuffed.

The "Drawers, chest of, mahogany," are of ordinary trade type, but mounted on a plinth at bottom instead of feet. The drawers are darkened down and French polished.

The "Drawers, chest of, painted," are also of ordinary trade type, and stand on four turned feet 6 inches long which screw into wood blocks fixed on the bottom. The drawers are fitted with black removable knobs. The colour of the painting is light oak grained.

The "Glass, toilet, mahogany," is an ordinary swing toilet glass. The mirror is plate glass and the wood is darkened down and French polished.

The "Glass, toilet, 13 $\frac{1}{4}$  inches by 10 $\frac{1}{4}$  inches," is a small swing glass. It is a veneered article, the veneer being birch which is not painted but left plain and varnished.

NOTE.—The standards of both toilet glasses are dowelled into the base, and further secured by screws, they are not glued together but the parts require assembling when received at outstations.

The "Jugs, earthen," are plain white ware, tapering upwards, being narrowest at the top. They are badged with the Royal cypher on the side.



The "Jug, enamelled iron," holds  $1\frac{1}{2}$  pints, and is fitted with a lid which is hinged to the handle of the jug.

The "Mat, door, bordered," is of an ordinary trade design.

The "Plate, bread and butter," is china-ware, and measures about 9 inches in diameter, and is marked with the Royal cypher.

The "Stand, wash-hand, marble top," is fitted with a brass towel rail at each end, and the marble top has a skirting of the same at back and sides. The whole of the frame except the back rail is mahogany, properly darkened down and French polished.

A double set of the ware, shown in § 12254, for the "Stand, wash-hand, marble top, single," is issued for use with this wash-stand.

The "Table, writing," is of the ordinary type of fixed top table, and is fitted with a drawer in front. It is darkened down and French polished.

The "Table, side," has a plain unstained top, secured to the rails and legs which are stained a mahogany colour and varnished. It stands 2 feet  $8\frac{1}{2}$  inches high and is made throughout of white deal.

The "Table, dressing, mahogany," is 3 feet 6 inches long by 1 foot 10 inches wide. It has a drawer in front fitted with wood knob handles.

The "Table, dressing, painted," is an ordinary trade article. The top is 3 feet by 1 foot 7 inches with front corners slightly rounded. It is fitted with a drawer in front, and is grained a light oak colour.

The "Table, dining," is of trade design, with mahogany top, extending to 5 feet  $9\frac{1}{2}$  with removable leaf.

The "Table, octagonal," stands about 2 feet 6 inches high, and is fitted with a lower shelf 16 inches square.

The "Trays, tea," are the ordinary oval trade pattern, black japanned, lined out with gold and bronze.

#### 12302.—Lamps—

Kerosene.

Punkah.

Recreation room.

21st June 1904.

57

Gen. No.

5824

In future supplies, the chimneys for the above-mentioned lamps will be made with a larger bulge, and the glass of a quality known as "Fireproof."

The chimneys will be marked "Fireproof."



851

## 12303.—Saucepans, steel tinned.

(Mark II.)—

8 quarts	..	..	..	} With lids.
6 "	..	..	..	
4 "	..	..	..	
3 "	..	..	..	
2 "	..	..	..	
1 quart	..	..	..	
1 pint	..	..	..	

Patterns of the above-mentioned saucepans have been sealed to govern future supplies. 8th March 1904.

7201

They differ from the previous patterns (§ 2471) in being made of steel instead of cast-iron, and in the 8-quart size being fitted with a front handle.

765

## 12304.—Spoon, mustard, Mark II. | Nickel silver.

A pattern of the above-mentioned spoon has been sealed to govern future supplies. 21st April 1904.

57

It is an ordinary trade article, and differs from the previous pattern (not mentioned in *List of Changes*) in being made of nickel instead of ivory.

Gen. No.

5379

(WOOLWICH SECTION, No. 26.)

## 12305.—Bin, "Young's," 28-lb. .. | Iron, galvanized, with loose lid, for rice or barley.

A pattern of the above-mentioned bin has been sealed to govern supplies to military hospitals. 5th Feb. 1904.

57

The bin is about 10 $\frac{3}{4}$  inches square and 15 inches in height, and is fitted with side-drop handles.

Gen. No.

4732

## 12306.—Scales, weighing—

Candle	..	..	..	Without weights.
Beams.				28 lb., beam, 1 copper and 1 tin pan.
Pans	..	..	..	Tin.

Obsolete.

The above-mentioned stores, shown on page 1258 of *Priced Vocabulary of Stores, 1902*, being no longer required, are hereby declared obsolete. 30th April 1904.

57

Gen. No.

5306

852

(WOOLWICH SECTION, No. 27.)

12307.--Games, backgammon -  
Dice, Mark II. .. .. Bone.

12th May 1904.  
Contracts G  
77

Patterns of the above-mentioned articles have been sealed to govern future manufacture.

They differ from those at present in use, and not previously mentioned in *List of Changes*, in being made of bone instead of ivory.

(WOOLWICH SECTION, No. 28.)

12308.—Ammeter, electro-magnetic, 250 ampères.  
(Mark I.) .. .. L Vertical, direct reading,  
with front connections,  
and two terminal lugs.

1. For future supply.

Ammeter, 200 ampères.  
(Mark I.) .. .. L

2. No more to be provided.

9th May 1904.  
58  
27

1. A specification has been approved to govern manufacture of the above-mentioned "Ammeter, electro-magnetic, 250 ampères."

Supplies will be of the electro-magnetic gravity or spring control type, and may be of the switchboard type, suitable for reading with the face vertical. A suitable "damped" action or "dead-beat" action is provided.

The moving or working parts are secured by a soft iron band or shield if the containing case is of brass, or the whole is enclosed in an iron case.

The pivots are jewelled.

Scale readings are divided into 5-ampère divisions, every tenth division being marked by longer line and figured.

2. Consequent on the adoption of the "Ammeter, 250 ampères," no more "Ammeters, 200 ampères" (§ 8978) will be provided, and as soon as the existing stock of the latter is used up, that pattern will be regarded as obsolete.



853

12309.—Apparatus, lime light—

Lamp. (Mark VII.) .. L

Filling hole in reservoir 1 inch in diameter

In future, the filling hole in the reservoir of the above-mentioned lamp (§§ 10584, 11405, 12165) will be made 1 inch in diameter, instead of  $\frac{5}{8}$  inch as hitherto.

3rd June 1904.

57

Gen. No.

5540

12310.—Battery, secondary, "A,"

six-cell. (Marks I. and

II.) .. .. L

In future, issued discharged and emptied.

In future, the above-mentioned batteries will be issued discharged and emptied. On receipt they should be filled with best brimstone sulphuric acid diluted with pure (distilled if possible) water to a specific gravity of 1.2, and at once charged.

29th June 1904.

57

Gen. No.

5621

12311.—Battery, secondary, "A,"

six-cell. (Mark II.) .. L

In wood box, with resistance switch; for use with Lamp, portable, electric.

New pattern.

A pattern of the above-mentioned store has been sealed to govern future manufacture.

13th Nov. 1903.

21st Dec. 1903.

It differs from those previously issued (§§ 11641, 11797) in the following points:—

57

Gen. No.

4823

(1.) The cells are connected to one another by connectors; this enables the cells to be removed.

(2.) A different pattern resistance switch is employed.

(3.) Terminals are fitted to enable the leads to be fixed when charging; this obviates the necessity for the charging plug.

12312.—Lamp, reading. (Mark I.) L

For reading signalling messages, instructional purposes only.

A pattern of the above mentioned store has been sealed to govern manufacture.

6th May 1904.

57

Gen. No.

9446

The lamp burns paraffin oil. The wick is  $\frac{1}{4}$  inch flat, 4 inches being required for a lamp.



854

12313.—Lamp, signalling, B.  
(Mark I.) .. .. L

Begbie, B.B.; in wood case; containing body, lens, louvred shutter, reservoir with burner, cowl stack, cowl, cowl chain, 3 felt jackets, brass chimney, fork, spare spring, oil can, wood box for spare chimneys and wick, 9 glass chimneys, 6 pieces of wick, 1 pair of scissors, and  $\frac{1}{2}$  lb. of cotton waste.

Three legs and three wedges removed.

Detail to nomenclature amended.

9th June 1904.

57

Gen. No.

581

In future, the above-mentioned lamp (§§ 10214, 10338, 11281, 11761, 11985) will not be supplied with three legs and three wedges. The detail appended to the nomenclature has been amended accordingly.

(WOOLWICH SECTION, No. 29.)

12314.—Baseboards, simplex—

Unfitted. (Mark I.) .. L

Wood.

15 inches by 15 inches; with two wood reels for wire; in transport case, 16 $\frac{1}{2}$  inches by 17 $\frac{1}{2}$  inches by 9 $\frac{1}{2}$  inches.

Fitted. (Mark I.) .. L

and translating; with Galvanometer, single and duplex; Instrument, telegraph, sounder, translating; Relay, telegraph, Mark II.; Key, double current (all without cases); Switch, single and duplex; four Dischargers, lightning, bobbin (2 spare); and 48 yards of Wire, electric, covered, A 3, in transport case.

Baseboard, telegraph  
equipment .. .. L

9th Feb. 1904.

58

24

No more to be provided.

A pattern of the above-mentioned "Baseboard, simplex,



unfitted," has been sealed to govern future manufacture in lieu of "Baseboards, telegraph equipment" (§ 9036), of which no more will be provided.

The unfitted simplex baseboard differs from the "Baseboard, telegraph equipment," in the following particulars:—

- (1.) Additional terminals (one single and two double) have been introduced.
- (2.) Two wood reels are provided for "Wire, electric, covered, A 3."
- (3.) The "Switch, D.F.I.Q.," and the brass strap for securing the galvanometer, are not provided, the galvanometer being secured by a brass plate at the base.
- (4.) The letter tabs are of brass instead of ivory.

As a first supply, baseboards will be issued "fitted" (i.e., with the whole of the instruments, &c., mentioned in the details appended to nomenclature of the "fitted" baseboard as shown above), and can be used for "double current simplex," and "single current translating," working.

After a first supply of "fitted" baseboards (fully equipped) has been made, any future requirements for either of the separate instruments, or an "unfitted" baseboard, will be demanded and issued separately, as required, and be fitted up locally.

Officers Commanding Telegraph Divisions having "Baseboards, telegraph equipment," on their charge will put forward demands for "Baseboards, simplex, fitted," to replace, and on receipt of the latter the "Baseboards, telegraph equipment," together with the undermentioned instruments held on charge for use with the n, will be returned to Woolwich.

Instruments, telegraph, sounder, translating.

Relays, telegraph.

Keys, single current.

Galvanometers, single and duplex.

Cases for above.

12315.—Batteries, Obach, dry—

O, six cell. (Mark I.)	L	In wood box; for field telegraph equipment.
------------------------	---	---------------------------------------------

Box. (Mark I.) ..	L	Wood, 11 $\frac{3}{4}$ inches by 7 $\frac{3}{4}$ inches by 7 $\frac{3}{4}$ inches.
-------------------	---	------------------------------------------------------------------------------------

O, ten-cell. (Mark I.)		In wood box; for field telegraph equipment.
------------------------	--	---------------------------------------------

Box. (Mark I.) ..	L	Wood, 18 $\frac{1}{2}$ inches by 7 $\frac{1}{2}$ inches by 7 $\frac{1}{2}$ inches.
-------------------	---	------------------------------------------------------------------------------------

Patterns of the above-mentioned boxes, for six and ten-cell

21st Aug. 1903.

7901

613



"Batteries, Obach, dry, O," have been sealed to govern manufacture.

12316.—Box, drawing instruments, monitors'—  
 Empty. (Mark I.).. L } Wood.  
 Filled. (Mark I.) .. L }

23rd Jan. 1904. Patterns of the above-mentioned stores have been sealed to govern manufacture.

57  
 11  
 441

The filled box contains—  
 Compass, drawing—shifting leg, single-pointed,  
 6-inch .... 1  
 Protractor, wood, rectangular, 6-inch .... 1

12317.—Box, salammoniac .. L

No more to be provided.

25th May 1904. No more of the above-mentioned boxes (mentioned at page 1380, Priced Vocabulary of Stores, 1902, but not hitherto announced in *List of Changes*) will be provided, and as soon as the existing stock is used up, this article will be regarded as obsolete.

58  
 87

12318.—Centrolinead, Mark I. .. L Brass, 3 wood arms, with clamping screws and 2 studs.  
 Pricker, draughtsman,  
 Mark I. .. .. L With need'e point.  
 Sector, 6-inch .. .. L Wood.  
 T-square, with movable stock, 45-inch, mahogany, Mark I. .. L Ebony edges.

4th Feb. 1903.

3rd May 1903.

57  
 Gen. No.  
 2402

Patterns of the above-mentioned stores have been sealed to govern supplies.



857

12319.—Compass, drawing:—

Pencil, bow, double  
pointed—

3-inch. (Mark I.)

L

2½-inch. (Mark I.)

L

} Needle point.

Pen, bow, double  
pointed—

3-inch. (Mark I.)

..

2½-inch. (Mark I.)

L

} Needle point.

1. New pattern.

Compass, drawing—

Pen, bow, double  
pointed .. ..

L

2½-inch.

4th Feb. 1903.

57

Gen. No.

2402

2. Obsolete.

1. Patterns of the above-mentioned articles have been sealed  
to govern supplies.2. The 2½-inch double-pointed bow pen, drawing, compass,  
mentioned at page 1385, Priced Vocabulary of Stores, 1902, is  
hereby declared obsolete.

16th Nov. 1903.

57

Gen. No.

4734

12320.—Compass, prismatic,

Mark V... ..

L

In case.

Case. (Mark I.) ..

L

Leather, with shoulder  
strap.

Compass, magnetic,

pocket .. ..

L

In cotton-velvet bag.

Obsolete.

A pattern of the above-mentioned store has been sealed to  
govern future manufacture.

22nd Oct. 1903.

57

It differs from previous patterns (§§ 2136, 3888, 4821, 8570,  
9037) in the following main points:—

9

2254

(1.) The compass dial has an inner scale of degrees  
added, figured as in an ordinary compass.(2.) The lower scale on the body is divided into 64  
divisions.(3.) The bottom of the body is fitted with a rubber friction  
ring.It is intended for use as a magnetic pocket compass, as well  
as a prismatic compass, and can also be used with a plane table  
in lieu of the "Compass, magnetic, plane table" (§§ 4561, 7352,  
10006, 11324), if desired.

(434)

B

The "Compass, prismatic, Mark V.," will replace the "Compass, magnetic, pocket" (§§ 3884, 7523, 10852), as soon as existing stock of the latter is used up.

12321.—Curves, drawing, architects'. (Mark II.) | L | Set of 6 vulcanite curves in wood case.

1. New pattern.

Curves, drawing, vulcanite .. .. | L | 4 to a set.

2. Obsolete.

4th Feb. 1903.

57

Gen. No.

2402

1. Patterns of the above-mentioned "Curves, drawing, architects', Mark II.," have been sealed to govern future manufacture.

16th Nov. 1903.

4734

They differ from those previously issued (not mentioned in *List of Changes*) in being of vulcanite instead of wood.

2. The "Curves, drawing, vulcanite," referred to at page 1387, *Priced Vocabulary of Stores*, 1902, are hereby declared obsolete.

12322.—Dials, order:—

Receivers—

Mark I. .. .. L Reversible mechanism.

Mark II. .. .. L One-way mechanism; with repeating movement.

Transmitters—

Mark I. .. .. L Reversible mechanism.

Mark II. .. .. L One-way mechanism; with repeating movement, and bell push.

4th Oct. 1903.

57

Gen. No.

4425

Patterns of the above-mentioned Mark II. order dials have been sealed to govern future manufacture.

A Mark I. transmitter can only be used with a Mark I receiver, and a Mark II. transmitter with a Mark II. receiver.

th April 1904.

5450

The following details of the Mark II. order dials are published for the information of those concerned:—

Four wires are required between the transmitter and receiver—

No. 1, for transmission of order.

No. 2, for repeating order.

No. 3, a common return.

No. 4, bell wire.

Six "C" Leclanché cells are required to work the transmitter and receiver.



859

## 12323.—Protractors, celluloid:—

## Circular—

9-inch. (Mark I.) .. L In wood case.

8-inch. (Mark I.) .. L

6-inch. (Mark I.) .. L

## Semi-circular—

8-inch. (Mark I.) .. L

6-inch. (Mark I.) .. L

Protractors, wood,  
rectangular, 6-inch.(Mark I.) .. .. L With scales of inches  
divided into eighths  
and tenths, and centi-  
metres divided into  
millimetres.

## 1. New patterns.

## Protractors, brass:—

## Circular—

8-inch. (Mark I.) .. L

6-inch. (Mark I.) .. L

## Semi-circular—

8-inch. (Mark I.) .. L

6-inch. (Mark I.) .. L

Divided to  $\frac{1}{2}$  degrees; in  
mahogany case.

## Protractors, cardboard,

12-inch. (Mark I.) .. L Circular; divided to  
 $\frac{1}{2}$  degrees.

4th Feb. 1903.

57

Gen. No.

2402

## 2. To become obsolete.

1. Patterns of the above-mentioned protractors have been  
approved to govern future supplies.

16th Nov. 1903.

21st Jan. 1904.

2. Consequent on the introduction of the new pattern  
protractors, the brass and cardboard protractors described in  
the Priced Vocabulary of Stores, 1902, as shown above, will  
become obsolete when existing stock has been used up.

4734

30th Dec. 1903.

57

24

4750

22nd Jan. 1904

57

11

441

860

## NAVAL.

## (SECTION II.)

12324.—Gun, Gatling, '65-inch—  
Box, drum. (Mark I.) N Wood; for one.  
Obsolete.

17th Aug. 1903.

57

24

4090

Boxes of the above-mentioned description (§ 9015) are hereby declared obsolete, and will be dealt with accordingly.

12325.—Sights, Q.F., speed,  
fore:—

Hotchkiss—

6-pr. (Mark I.) .. N

3-pr. (Mark I.) .. N

Steel, with night sight attachment and fixing screw, securing plate, and fixing screw, cord, and loop.

Fixing screw of night sight attachment secured by cord, and modification to jacket to admit of removal of sight.

3rd Dec. 1903.

N.O.

14449

With reference to § 9173 :— In future, the fixing screw of the night sight attachment for the above-mentioned sights will be used for securing the sight leaf in position, either when using the attachment, or after the latter has been removed from the sight.

The fixing screw will be secured to the jacket of the sight by means of a cord. A corresponding recess will also be made in the upper side of the jacket so as to admit of the latter being raised, and the sight removed from the gun, with the fixing screw in position. (To do this, the night sight attachment must first be removed.)

Existing sights of the above-mentioned description will be modified as described above, locally at depôts, and on board H.M. ships by ships' artificers, in accordance with the under-mentioned instructional prints, which will be supplied to officers concerned on demand.

*Instructional prints.*

6-pr.—R.G.F./10951/41

3-pr.—R.G.F./10819/31

...

....

...

....

} As required.



861

*Stores per sight.*

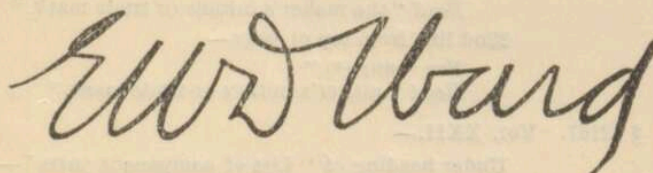
	No.
Plate, securing cord ....	1
Loop, securing cord ....	1
Screw, fixing plate ....	1†
Cord, securing fixing screw ....	1

† A "screw, pin, joint axis, pistol, Webley,"  
can be used in lieu.

These articles are to be obtained as specified in Admiralty circular letter, dated 25th May, 1904, G. 5540/04.

When the sights have been altered as described above, the fixing screw of the sight leaf (originally issued in the sight) will not be required, and will be brought to produce locally.

By order of the Army Council,



WAR OFFICE,

1st August, 1904.

ERRATA.

§ 12148. Page 707, Vol. XXII.—

14th and 15th lines from top of page—

*For* "a star (\*)."

*Read* "the maker's initials or trade mark."

22nd line from top of page—

*For* "star (\*)."

*Read* "maker's initials or trade mark."

§ 12167. Vol. XXII.—

25th May 1904.

57

Gen. No.

5543

Under heading of "List of component parts"—

"Body"—

The items from—

"Key" to "Rod, vertical tubular" (page 720).

"Screw, steel, tangent," to "Spring, steel, tangent, screw" (page 721).

should be shown indented under the word "Body," instead of being in line with it.

§ 12238. Page 794, Vol. XXII., and page v of Index, 1st July, 1904—

*For* "Guns, Maxim, .303-inch and .303-inch converted—"

*Read* "Guns, machine, .303-inch, and .303-inch converted—"



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